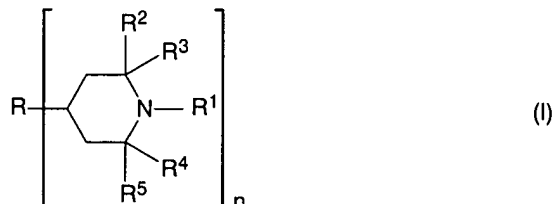


A P P E N D I X I:

THE LISTING OF CLAIMS (version with markings):

1. (currently amended) A process for preparing a fiber [~~and film~~]-forming polyamide, which comprises

a) polymerizing starting monomers or starting oligomers in a reaction medium in the presence of at least one compound of the formula (I)



R is a C₁-C₂₀ aliphatic saturated hydrocarbon R⁸ which bears 1-4 identical or different amide-forming groups R⁷,

R¹ is H, C₁-C₂₀-alkyl, cycloalkyl, benzyl or OR⁶,

R⁶ is H, C₁-C₂₀-alkyl, cycloalkyl or benzyl,

R⁷ is selected from the group consisting of -(NH)-, -(NHR⁹), carboxyl and carboxyl derivative groups,

R⁹ is H, alkyl having from 1 to 8 carbon atoms, cycloalkyl having from 3 to 10 carbon atoms or alkylene having from 2 to 20 carbon atoms,

R², R³, R⁴ and R⁵ are independently C₁-C₁₀-alkyl,

n is a natural number greater than 1,

wherein the piperidine derivatives attached to R are identical or different with regard to the substituents R¹, R², R³, R⁴ and R⁵, and

wherein the compound of the formula I is added to the starting monomers or to the polymerizing reaction mixture and becomes attached to the polyamide through reaction of at least one of the amide-forming groups R⁷, and

allowing the polymerization to proceed until the polyamide exhibits a degree of polymerization which renders the polyamide capable of forming fibers [~~or films~~];

b) separating the polyamide from the reaction medium, and

c) extracting the separated polyamide.

2. (previously submitted) A process as claimed in claim 1, wherein the piperidine derivatives attached to R are identical with regard to the substituents R^1 , R^2 , R^3 , R^4 and R^5 .
3. (previously submitted) A process as claimed in claim 1, wherein R^1 is H.
4. (previously submitted) A process as claimed in claim 1, wherein the R^2 , R^3 , R^4 and R^5 substituents on any one piperidine derivative are identical.
5. (previously amended) A process as claimed in claim 1, wherein R^2 on any one piperidine derivative is methyl.
6. (previously submitted) A process as claimed in claim 1, wherein n is 2.
7. (previously submitted) A process as claimed in claim 1, wherein R is a group of the formula $-NH-R^8-NH-$ where R^8 is alkylene having from 1 to 20 carbon atoms.
8. (previously submitted) A process as claimed in claim 1, wherein R is $-NH-CH_2-CH_2-CH_2-CH_2-CH_2-CH_2-NH-$.
9. (previously submitted) A process as claimed in claim 1, wherein the polymerizing is carried out in the presence of at least one pigment.
11. (previously submitted) A polyamide obtainable by a process as claimed in claim 1.
12. (previously submitted) A process for preparing filaments and fibers, which process comprises melt spinning a polyamide as claimed in claim 11.
13. (previously submitted) Filaments, fibers, films, sheets and moldings comprising a polyamide as claimed in claim 11.
14. (previously submitted) The process of claim 1 wherein the hydrocarbon R^8 bears groups R^7 selected from $-(NH)-$, $-(NHR^9)$ and carboxyl groups.
15. (new) The process of claim 1 wherein the starting monomers or the starting oligomers are selected from the group consisting of:
C₂-C₂₀-amino acid monomers and their oligomers,
C₂-C₂₀-amino acid amide monomers and their oligomers,

combinations of a C₂-C₂₀-alkyl diamine monomer and a C₂-C₂₀-aliphatic dicarboxylic acid monomer, and oligomers obtained from such combinations,

combinations of a C₂-C₂₀-alkyl diamine monomer and a C₈-C₂₀ aromatic dicarboxylic acid monomer or a derivative of the dicarboxylic acid monomer, and oligomers obtained from such combinations,

combinations of a C₂-C₂₀-alkyl diamine monomer and a C₉-C₂₀ arylaliphatic dicarboxylic acid monomer or a derivative of the dicarboxylic acid monomer, and oligomers obtained from such combinations,

combinations of a C₇-C₂₀ arylaliphatic diamine monomer and a C₉-C₂₀ arylaliphatic dicarboxylic acid monomer or a derivative of the dicarboxylic acid monomer, and oligomers obtained from such combinations,

combinations of a C₈-C₁₈ arylaliphatic diamine monomer and a C₆-C₂₀ aromatic dicarboxylic acid monomer or a derivative of the dicarboxylic acid monomer, and oligomers obtained from such combinations,

C₂-C₂₀ aliphatic and arylaliphatic lactam monomers and their oligomers,

oligomers obtained from a mixture of two or more of the monomers, and

a mixture of two or more of the oligomers.

16. (new) The process of claim 1 wherein the reaction medium is an aqueous reaction medium.

17. (new) The process of claim 1 wherein the separated polyamide is extracted with water.

18. (new) The process of claim 15 wherein the starting monomers or the starting oligomers are selected from the group consisting of:

C₂-C₂₀-amino acid monomers and their oligomers,

C₂-C₂₀-amino acid amide monomers and their oligomers,

combinations of a C₂-C₂₀-alkyl diamine monomer and a C₂-C₂₀-aliphatic dicarboxylic acid monomer, and oligomers obtained from such combinations,

C₂-C₂₀ aliphatic lactam monomers and their oligomers,

oligomers obtained from a mixture of two or more of the monomers, and

a mixture of two or more of the oligomers.

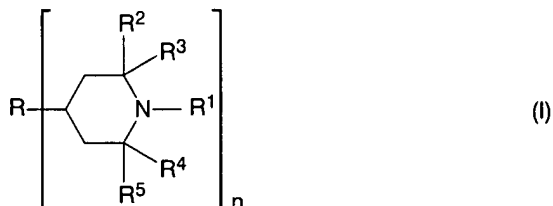
19. (new) The process of claim 15 wherein the reaction medium is an aqueous reaction medium.
20. (new) The process of claim 19 wherein the separated polyamide is extracted with water.
21. (new) The process of claim 15 wherein the separated polyamide is extracted with water.

A P P E N D I X II:

THE AMENDED CLAIMS (clean version):

1. (currently amended) A process for preparing a fiber-forming polyamide, which comprises

- a) polymerizing starting monomers or starting oligomers in a reaction medium in the presence of at least one compound of the formula (I)



R is a C₁-C₂₀ aliphatic saturated hydrocarbon R⁸ which bears 1-4 identical or different amide-forming groups R⁷,

R¹ is H, C₁-C₂₀-alkyl, cycloalkyl, benzyl or OR⁶,

R⁶ is H, C₁-C₂₀-alkyl, cycloalkyl or benzyl,

R⁷ is selected from the group consisting of -(NH)-, -(NHR⁹), carboxyl and carboxyl derivative groups,

R⁹ is H, alkyl having from 1 to 8 carbon atoms, cycloalkyl having from 3 to 10 carbon atoms or alkylene having from 2 to 20 carbon atoms,

R², R³, R⁴ and R⁵ are independently C₁-C₁₀-alkyl,

n is a natural number greater than 1,

wherein the piperidine derivatives attached to R are identical or different with regard to the substituents R¹, R², R³, R⁴ and R⁵, and

wherein the compound of the formula I is added to the starting monomers or to the polymerizing reaction mixture and becomes attached to the polyamide through reaction of at least one of the amide-forming groups R⁷, and

allowing the polymerization to proceed until the polyamide exhibits a degree of polymerization which renders the polyamide capable of forming fibers;

- b) separating the polyamide from the reaction medium, and
c) extracting the separated polyamide.

2. (previously submitted) A process as claimed in claim 1, wherein the piperidine derivatives attached to R are identical with regard to the substituents R^1 , R^2 , R^3 , R^4 and R^5 .
3. (previously submitted) A process as claimed in claim 1, wherein R^1 is H.
4. (previously submitted) A process as claimed in claim 1, wherein the R^2 , R^3 , R^4 and R^5 substituents on any one piperidine derivative are identical.
5. (previously amended) A process as claimed in claim 1, wherein R^2 on any one piperidine derivative is methyl.
6. (previously submitted) A process as claimed in claim 1, wherein n is 2.
7. (previously submitted) A process as claimed in claim 1, wherein R is a group of the formula $-NH-R^8-NH-$ where R^8 is alkylene having from 1 to 20 carbon atoms.
8. (previously submitted) A process as claimed in claim 1, wherein R is $-NH-CH_2-CH_2-CH_2-CH_2-CH_2-CH_2-NH-$.
9. (previously submitted) A process as claimed in claim 1, wherein the polymerizing is carried out in the presence of at least one pigment.
11. (previously submitted) A polyamide obtainable by a process as claimed in claim 1.
12. (previously submitted) A process for preparing filaments and fibers, which process comprises melt spinning a polyamide as claimed in claim 11.
13. (previously submitted) Filaments, fibers, films, sheets and moldings comprising a polyamide as claimed in claim 11.
14. (previously submitted) The process of claim 1 wherein the hydrocarbon R^8 bears groups R^7 selected from $-(NH)-$, $-(NHR^9)$ and carboxyl groups.
15. (new) The process of claim 1 wherein the starting monomers or the starting oligomers are selected from the group consisting of:
C₂-C₂₀-amino acid monomers and their oligomers,
C₂-C₂₀-amino acid amide monomers and their oligomers,

combinations of a C₂-C₂₀-alkyl diamine monomer and a C₂-C₂₀-aliphatic dicarboxylic acid monomer, and oligomers obtained from such combinations,

combinations of a C₂-C₂₀-alkyl diamine monomer and a C₈-C₂₀ aromatic dicarboxylic acid monomer or a derivative of the dicarboxylic acid monomer, and oligomers obtained from such combinations,

combinations of a C₂-C₂₀-alkyl diamine monomer and a C₉-C₂₀ arylaliphatic dicarboxylic acid monomer or a derivative of the dicarboxylic acid monomer, and oligomers obtained from such combinations,

combinations of a C₇-C₂₀ arylaliphatic diamine monomer and a C₉-C₂₀ arylaliphatic dicarboxylic acid monomer or a derivative of the dicarboxylic acid monomer, and oligomers obtained from such combinations,

combinations of a C₈-C₁₈ arylaliphatic diamine monomer and a C₆-C₂₀ aromatic dicarboxylic acid monomer or a derivative of the dicarboxylic acid monomer, and oligomers obtained from such combinations,

C₂-C₂₀ aliphatic and arylaliphatic lactam monomers and their oligomers,

oligomers obtained from a mixture of two or more of the monomers, and

a mixture of two or more of the oligomers.

16. (new) The process of claim 1 wherein the reaction medium is an aqueous reaction medium.

17. (new) The process of claim 1 wherein the separated polyamide is extracted with water.

18. (new) The process of claim 15 wherein the starting monomers or the starting oligomers are selected from the group consisting of:

C₂-C₂₀-amino acid monomers and their oligomers,

C₂-C₂₀-amino acid amide monomers and their oligomers,

combinations of a C₂-C₂₀-alkyl diamine monomer and a C₂-C₂₀-aliphatic dicarboxylic acid monomer, and oligomers obtained from such combinations,

C₂-C₂₀ aliphatic lactam monomers and their oligomers,

oligomers obtained from a mixture of two or more of the monomers, and

a mixture of two or more of the oligomers.

19. (new) The process of claim 15 wherein the reaction medium is an aqueous reaction medium.
20. (new) The process of claim 19 wherein the separated polyamide is extracted with water.
21. (new) The process of claim 15 wherein the separated polyamide is extracted with water.